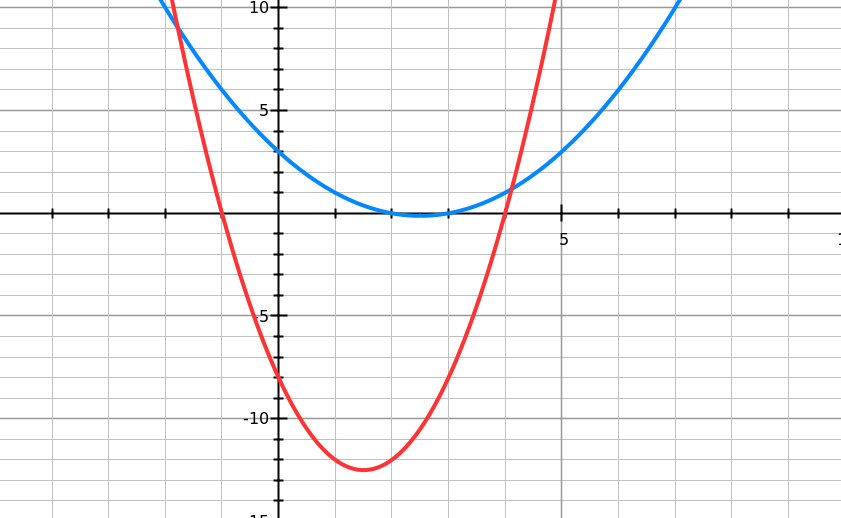
Name:

Date:

**Directions:**

1. Write the equation of each parabola in **each** form (**standard**, **vertex**, *and* **factored**).
2. Identify the **vertex** and **zeroes/x-intercepts** of each function.
3. Find the points of intersection. Leave all irrational x-values in simplest radical form. (You may use decimal approximations when finding the y-values.)



**Directions:**

1. Draw the graphs of each of the following three functions on the graph below.
2. Identify the **vertex** and **zeroes/x-intercepts** of each function.
3. Find the points of intersection. Leave all irrational numbers in simplest radical form. (You may use decimal approximations when finding the y-values.)

